

Response under 37 C.F.R. §1.111  
Serial No. 10/069,532  
Attorney Docket No. 020245

**AMENDMENTS TO THE CLAIMS:**

This listing of claims replaces all prior versions and listings of claims in the application.

**In the Claims**

Claim 1 (Currently Amended): An electric device with a timer, comprising:

a rechargeable secondary battery;

a measuring means for measuring a state of said secondary battery and a memory for storing measured information thereof and information regarding properties of said secondary battery;

a load such as an electric motor driven by electric power supplied by said secondary battery;

a controller for controlling drive of said load;

a timer having a timer function;

a display and operation unit having a time setting function for said timer and a time displaying function;

a battery manager for managing said secondary battery based on information of said measuring means and/or said memory and time information from said timer; and

an interface [capable of connecting] to connect a charger via a system bus for charging said secondary battery based on information of said measuring means and/or said memory and time information from said timer.

Claim 2 (Original): The electric device with a timer according to claim 1, wherein said controller also has a function of said battery manager.

Claim 3 (Currently Amended): An electric device with a timer, comprising:

a rechargeable secondary battery;

a measuring means for measuring a state of said secondary battery and a memory for storing measured information thereof and information regarding properties of said secondary battery;

a load such as an electric motor driven by electric power supplied by said secondary battery;

a controller for controlling drive of said load;

a timer having a timer function;

a display and operation unit having a time setting function for said timer and a time displaying function;

a charger for charging said secondary battery based on information of said measuring means and/or said memory and time information from said timer; and

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an interface for connecting [a] the charger with said measuring means and/or said memory, and said timer and said controller via a system bus.

Claim 4 (Original): The electric device with a timer according to claim 3, wherein said controller also has a function of a battery manager for managing said secondary battery based on information of said measuring means and/or said memory and time information from said timer.

Claims 5 - 6 (Cancelled).

Claim 7 (Original): The electric device with a timer according to claim 1, wherein said secondary battery, said measuring means and said memory are constituted to be an integrated battery unit, and the battery unit is mounted on an electric device main body to be attachable/detachable thereto/therefrom.

Claim 8 (Original): The electric device with a timer according to claim 3, wherein said secondary battery, said measuring means and said memory are constituted to be an integrated battery unit, and the battery unit is mounted on an electric device main body to be attachable/detachable thereto/therefrom.

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Claim 9 (Original): The electric device with a timer according to claim 3, wherein  
said charger is constituted to be a charger unit containing a charger section supplied with  
electric power from a commercial power supply or an alternative power supply and charging said  
secondary battery, and the charger unit is mounted on an electric device main body to be  
attachable/detachable thereto/therefrom.

Claim 10 (Original): The electric device with a timer according to claim 4, wherein  
said charger is constituted to be a charger unit containing a charger section supplied with  
electric power from a commercial power supply or an alternative power supply and charging said  
secondary battery, and the charger unit is mounted on an electric device main body to be  
attachable/detachable thereto/therefrom.

Claim 11 (Original): The electric device with a timer according to claim 3, wherein  
said display and operation unit is provided with a time specifying means for specifying a  
charge starting time, and said charger is provided with means for starting charge for said  
secondary battery at a time specified by the time specifying means.

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Claim 12 (Original): The electric device with a timer according to claim 4, wherein  
said display and operation unit is provided with a time specifying means for specifying a  
charge starting time, and said charger is provided with means for starting charge for said  
secondary battery at a time specified by the time specifying means.

Claim 13 (Original): The electric device with a timer according to claim 3, wherein  
said display and operation unit is provided with a time specifying means for specifying a  
charge completion time, and said charger is provided with means for starting charge so that the  
charge for said secondary battery is completed at a time specified by the time specifying means.

Claim 14 (Original): The electric device with a timer according to claim 4, wherein  
said display and operation unit is provided with a time specifying means for specifying a  
charge completion time, and said charger is provided with means for starting charge so that the  
charge for said secondary battery is completed at a time specified by the time specifying means.

Claim 15 – 16 (Canceled).

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Claim 17 (Original): The electric device with a timer according to claim 1, further comprising:

means actuated at a time specified by said timer, operating said measuring means and said memory, and managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery.

Claim 18 (Original): The electric device with a timer according to claim 3, further comprising:

means actuated at a time specified by said timer, operating said measuring means and said memory, and managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery.

Claim 19 (Original): The electric device with a timer according to claim 3, further comprising:

means actuated at a time specified by said timer, operating said measuring means and memory, managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery, and making said charger charge said secondary battery when it needs to be charged.

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Claim 20 (Original): The electric device with a timer according to claim 4, further comprising:

means actuated at a time specified by said timer, operating said measuring means and memory, managing a residual capacity of said secondary battery based on a self discharge amount and a consumption capacity according to properties of said secondary battery, and making said charger charge said secondary battery when it needs to be charged.